

WHAT IS CLAIMED IS:

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- 1 1. An electronic reading device, comprising:
2 a position sensor for detecting a position of
3 the electronic reading device on a specially formatted
4 paper based on a predefined address pattern of the
5 specially formatted paper; and
6 a printer for printing on the specially
7 formatted paper based on the detected position of the
8 electronic reading device.
- 1 2. The electronic reading device of claim 1,
2 further comprising a memory for storing information to be
3 printed.
- 1 3. The electronic reading device of claim 2,
2 further comprising a local wireless link receiver for
3 receiving the information to be printed.

1 4. The electronic reading device of claim 2,
2 wherein the information to be printed is loaded into the
3 memory using a client device.

1 5. The electronic reading device of claim 4,
2 wherein the client device comprises a web browser.

1 6. The electronic reading device of claim 2,
2 further comprising a microprocessor for receiving detected
3 positions from the position sensor and for controlling the
4 printer based on the received positions.

1 7. The electronic reading device of claim 2,
2 wherein the information to be printed comprises text.

1 8. The electronic reading device of claim 2,
2 wherein the information to be printed comprises graphics.

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1 9. The electronic reading device of claim 1,
2 wherein the printer is capable of printing a similar dot
3 at a particular position each time the electronic reading
4 device moves over the particular position.

1 10. The electronic reading device of claim 1,
2 wherein the printer comprises a thermo-print head and the
3 specially formatted paper comprises a thermal paper.

1 11. The electronic reading device of claim 1,
2 wherein the position sensor performs angle-sensitive
3 positioning detection.

1 12. The electronic reading device of claim 1,
2 further comprising a writing means, wherein a user can
3 selectively activate at least one of the printer and the
4 writing means.

1 13. The electronic reading device of claim 1,
2 wherein a size of an image printed with the printer can be
3 adjusted by a user.

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- 1 14. The electronic reading device of claim 13,
2 wherein the image is selected from the group consisting of
3 text and graphics.

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1 15. A method for generating output with an
2 electronic reading device, comprising the steps of:
3 determining a position where an electronic
4 output reading device is located on a specially formatted
5 surface based on a detection of a predefined address
6 pattern of the specially formatted surface; and
7 generating output based on the detected position
8 of the electronic output reading device.

1 16. The method of claim 15, wherein the step of
2 generating output comprises printing information on the
3 specially formatted surface.

1 17. The method of claim 16, wherein the generated
2 output is determined for each detected position using an
3 image stored in the electronic output reading device.

1 18. The method of claim 17, wherein the image is
2 loaded into the electronic output reading device using a
3 client device.

1 19. The method of claim 18, wherein the client
2 device includes a web browser used for loading the image.

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1 20. The method of claim 17, further comprising the
2 step of selectively adjusting a size of the image before
3 printing.

1 21. The method of claim 16, wherein the information
2 is printed by activating a thermo-print head of the
3 electronic output reading device, wherein the specially
4 formatted surface comprises a thermal paper.

1 22. The method of claim 16, further comprising the
2 steps of:
3 modifying an image printed with the electronic
4 output reading device using a writing function of the
5 electronic output reading device; and
6 storing the modified image.

1 23. The method of claim 16, further comprising the
2 steps of:
3 modifying an image printed with the electronic
4 output reading device using a separate electronic writing
5 reading device; and
6 storing the modified image.

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1 24. The method of claim 16, further comprising the
2 steps of:

3 writing information using a writing mode of an
4 electronic reading device;

5 collecting the written information by detecting
6 a plurality of positions of the electronic reading device
7 relative to the address pattern; and

8 storing the written information, wherein the
9 printing of information on the specially formatted surface
10 comprises printing a representation of the stored written
11 information.

1 25. The method of claim 24, further comprising the
2 step of adjusting a size of the stored written information
3 prior to said printing.

1 26. The method of claim 24, wherein the electronic
2 output reading device comprises the electronic reading
3 device.

1 27. The method of claim 15, wherein the step of
2 generating output comprises generating audio sound.

1 28. The method of claim 15, wherein the step of
2 determining a position includes detecting an angle of the
3 electronic output reading device relative to the specially
4 formatted surface.

1 29. The method of claim 15, wherein the output
2 generated when the electronic output reading device is at
3 a particular location is substantially similar each time
4 the electronic output reading device is located at the
5 particular location.

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